Application No. 10/734,428

## **AMENDMENT TO THE CLAIMS**

Please replace the pending claims with the following amended claims:

- (Currently Amended) A navigation system comprising:

   a receiver to receive updated route speed information;
   an input device to receive a destination point from a driver;
   a GPS locator to identify the position of the receiver;
   speed sensing electronics to determine the speed of the receiver;
- a transmitter to transmit data that includes a speed determined by the speed sensing electronics as well as a location of the navigation system:
- a computational system to select a fastest route from the position of the receiver to the destination point using the updated route speed information; and, an output device to communicate the fastest route to the driver.
- (Currently Amended) The navigational system of claim 1 wherein the transmitter transmits further comprising:
   a transmitter to transmit data that includes the speed of the navigation.

eystem as well as a location of the navigation system to a central processing point, the central processing point to use the received car data in generating updated route speed information.

## 3. (Cancelled)

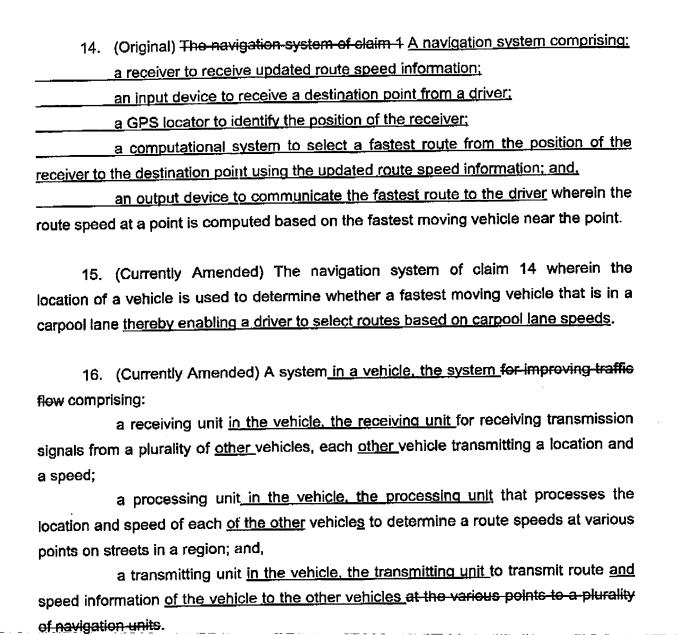
- 4. (Amended) The navigation system of claim 1 2 wherein the speed of the navigation system is computed from speed sensing electronics is a speedometer coupled to the navigation system.
- 5. (Original) The navigation system of claim 1 wherein the updated route speed information is transmitted in an embedded cellular signal.

Application No. 10/734,428

- 6. (Original) The navigation system of claim 1 wherein the updated route speed information is embedded in an Internet compatible format for transmission through a transmission system.
- 7. (Original) The navigation system of claim 1 wherein the receiver receives information directly from a plurality of informer vehicles.
- 8. (Original) The navigation system of claim 1 wherein the receiver is in asynchronous communication with a transmitter.
- 9. (Original) The navigation system of claim 1 wherein the receiver periodically receives data from the internet when the navigation system passes through a coverage area with wireless internet access.
  - 10. (Original) The navigation system of claim 1 further comprising:

a storage device for storing the updated route speed information when the navigation system passes through a coverage area that enables download of updated route speed information.

- 11. (Original) The navigation system of claim 1 further comprising:
- a storage device for storing GPS data and times associated with the GPS data, the GPS data and the times associated with the GPS data to be uploaded when in a transmission range.
- 12. (Original) The navigation system of claim 1 wherein the updated route speed information also includes information on accidents and road closures.
- 13. (Original) The navigation system of claim 1 wherein the output device is a display screen in a vehicle.



- 17. (Original) The system of claim 16 further comprising:
- a navigation unit to receive the route speed information and to combine the route speed information with a current position received from a GPS signal to plot a fastest route to a destination from the current position received from the GPS signal.

- 18. (Currently Amended) The navigation system of claim 17 wherein the <u>speed</u> data is received from a speed sensing sensor navigation unit further transmits a signal indicating a speed and position of the navigation unit.
- 19. (Currently Amended) The system of claim 16 wherein the transmitting unit receives signals from a navigation unit and only transmits route speeds at points requested by the a navigation unit in one of the other vehicles.
  - 20. (Cancelled)
  - 21. (Cancelled)
  - 22. (Cancelled)
- 23. (Currently Amended) A method of computing a fastest route in a receiving vehicle from a current location of the receiving vehicle to a destination comprising:

determining a current location using a GPS system;

receiving information on a destination point;

receiving updated route speed information <u>from other vehicles and</u> <u>determining a fastest route based on a speed of the fastest moving vehicle near each point; and,</u>

computing a fastest route from the current location to the destination point taking into account the updated route speed information.

- 24. (Original) The method of claim 23 wherein the receiving of updated route speed information is received from a central processing point.
- 25. (Original) The method of claim 23 wherein the receiving of updated route speed information is received from a informing vehicle.

Application No. 10/734,428

- 26. (Original) The method of claim 23 wherein the updated route speed information is generated by monitoring the speed of informer vehicles along the fastest route.
- 27. (Original) The method of claim 23 wherein the receiving vehicle also serves as an informing vehicle, the method further comprising:

generating updated route speed information by monitoring the speed of the receiving vehicle; and,

transmitting the position and speed of the receiving vehicle.

28. (Original) The method of claim 23 further comprising determining if the fastest moving vehicle is in a carpool lane thereby enabling a driver to select routes based on carpool lane speeds.